



3LF4

BEAM POWER AMPLIFIER

3LF4

GENERAL DATA**Electrical:**

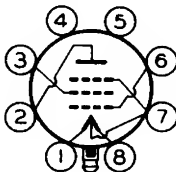
Filament, Coated:

<i>Filament Arrangement</i>	<i>Series*</i>	<i>Parallel**</i>	
Voltage.	2.8	1.4	. . dc volts
Current.	0.05	0.1 amp

Mechanical:

Mounting Position.	Any
Maximum Overall Length	2-25/32"
Maximum Seated Length	2-1/4"
Maximum Diameter	1-3/16"
Bulb	T-9
Base	Lock-in 8-Pin
Basing Designation for BOTTOM VIEW	6BB

Pin 1-Filament
Pin 2-Plate
Pin 3-Grid No.2
Pin 4-No
Connection
Pin 5-No
Connection



Pin 6-Grid No.1
Pin 7-Filament
Mid-Tap,
Grid No.3
Pin 8-Filament
Plug -Base
Shell

AF POWER AMPLIFIER - Class A₁**Maximum Ratings, Design-Center Values:**

<i>Filament Arrangement</i>	<i>Series*</i>	<i>Parallel**</i>	
PLATE VOLTAGE.	110 max.	110 max.	volts
GRID-No.2 (SCREEN) VOLTAGE	110 max.	110 max.	volts
TOTAL CATHODE CURRENT.	6 max.	12 max.	ma

*Typical Operating Conditions and Characteristics
are the same as those for Type 3Q5-GT.*

*Curves shown under Type 1Q5-GT also apply to the 3LF4
with filaments connected in parallel.*

* A resistor of 270 ohms must be used in parallel with the negative section of the filament (Pins 7 and 8) in order to insure that the value of 6.0 Ma. total cathode current for each 1.4-volt section of the filament is not exceeded. When other tubes in series filament circuits contribute to the filament current of the 3LF4, an additional shunt resistor between pins 1 and 8 will be required.

** For parallel operation, connect pins 1 and 8 to the positive of the voltage supply and pin 7 to the negative.

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TUBE DEPARTMENT
RADIO CORPORATION OF AMERICA, HARRISON, NEW JERSEY

DATA